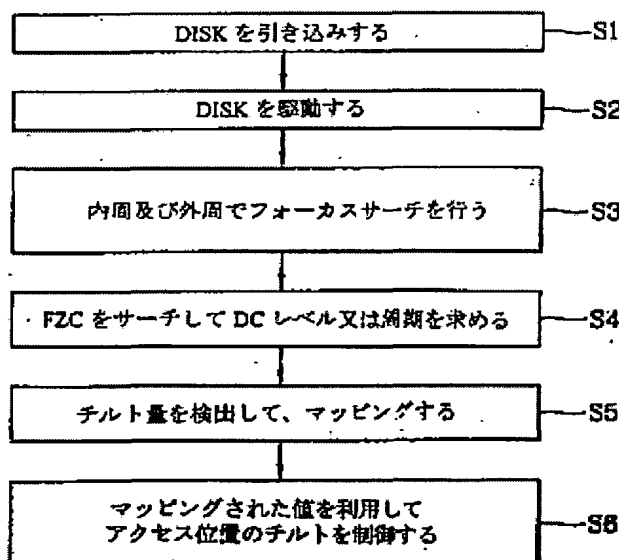


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Tilt compensating device for optical disk, controls optical pick-up based on tilt drive signal obtained from servo control unit, for compensating tilt



**Use Advantage:**USE - For compensating tilt of optical disk, such as CD-RW, DVD-RAM. ADVANTAGE - Reduction in quality of data due to tilt during recording of optical disk is prevented, since the tilt is detected correctly, stably and compensated.

**DESCRIPTION OF DRAWING(S)** - The figure shows the block diagram of tilt compensating device. Optical pick-up 102 Servo error generator 105 Servo control unit 107 Focus servo drive unit 108 Tilt drive unit 110

**Abstract:**NOVELTY - A focus servo drive unit (108) drives focus actuator in an optical pick-up (102), based on focus drive signal output from servo control unit (107). A tilt drive unit (110) controls optical pick-up

based on tilt drive signal output from servo control unit, and compensates tilt. DETAILED DESCRIPTION - An RF and servo error generator (105) generates RF and servo error signal based on electrical signal output from optical pick-up. The servo control unit generates focus drive signal and tilt drive signal by processing the focus error signal and tracking error signal extracted from output of RF and servo error generator. An INDEPENDENT CLAIM is also included for tilt compensating procedure of optical disk.

### Bibliographic data:

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